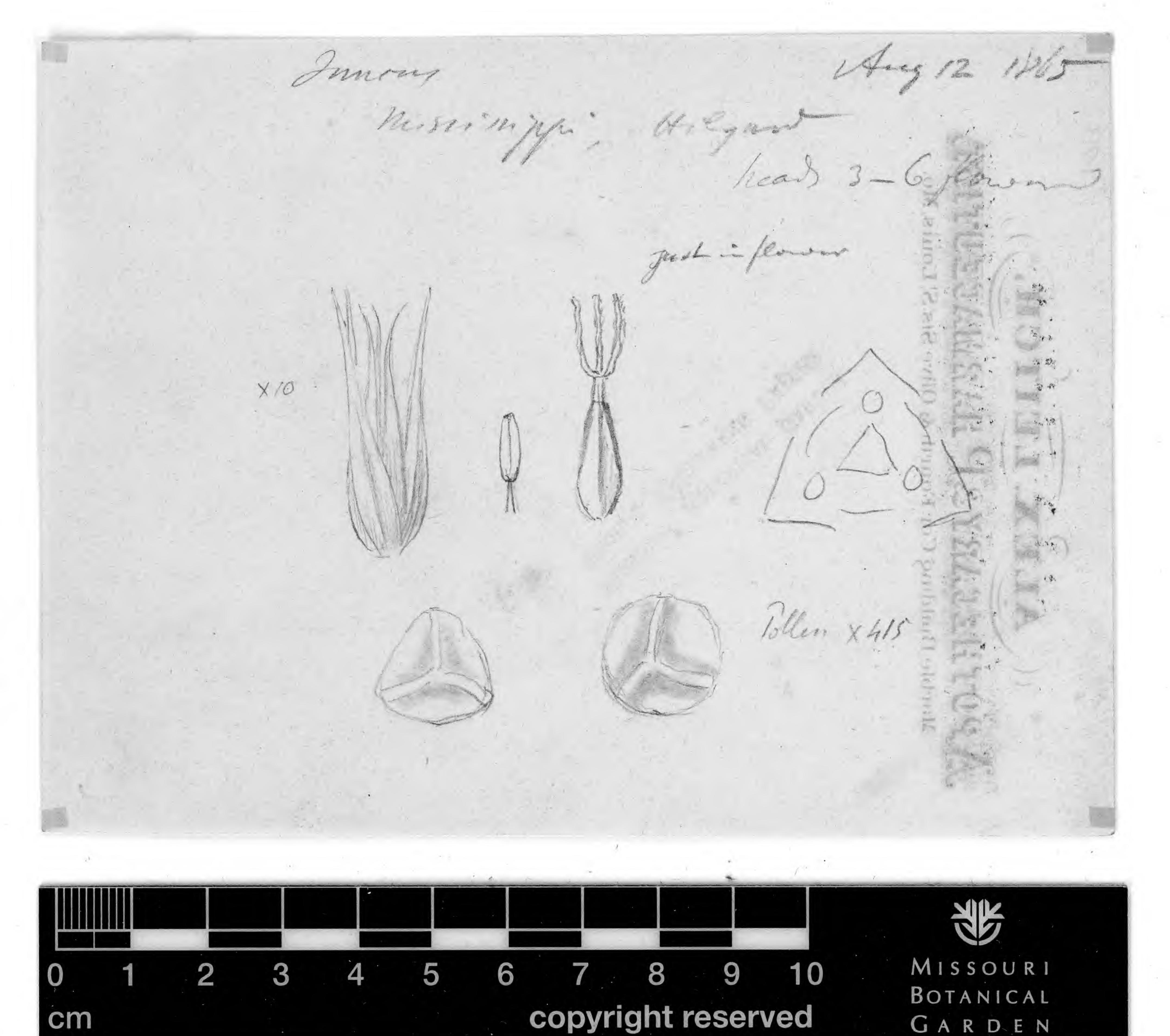
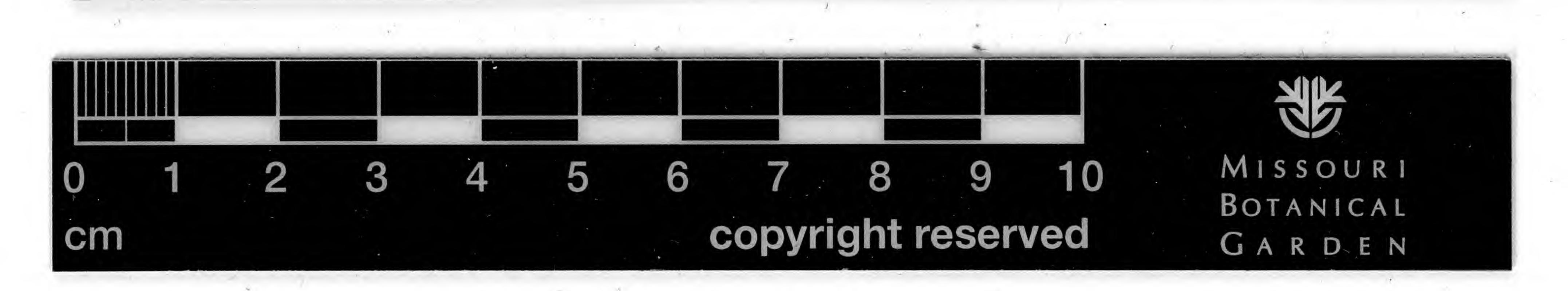


Since many of the items lack a specific page number, the page number displayed online refers to the sequentially created number each item was given upon cataloging the materials.

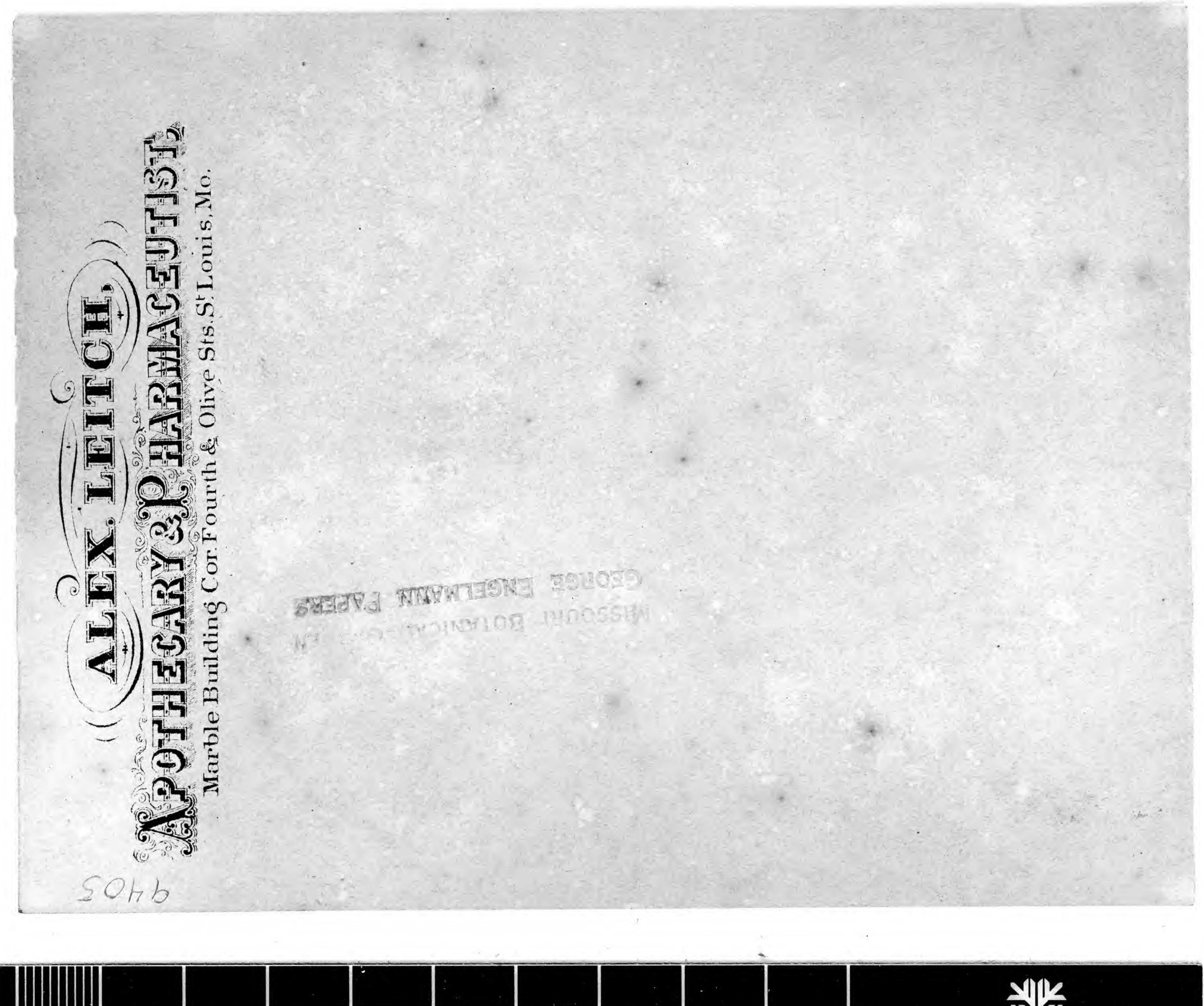






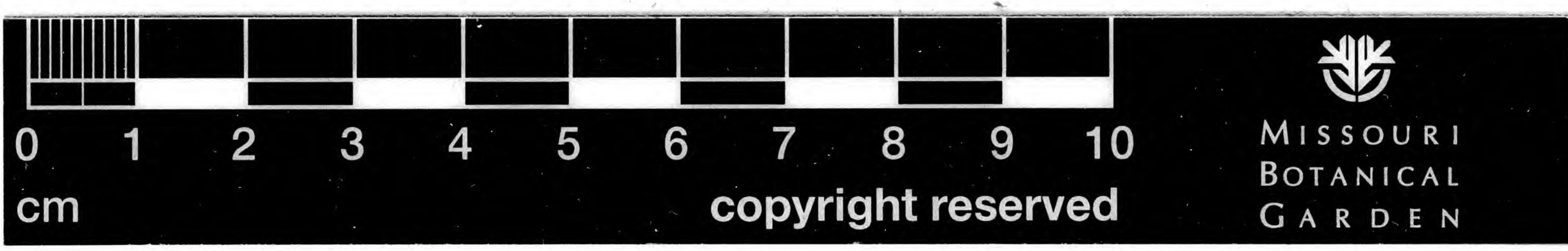
The Trans netermbien sevamps on Manchester road 1964 capil &-7 flow Valor of Caprole inner tepels as compana little shorter Than only

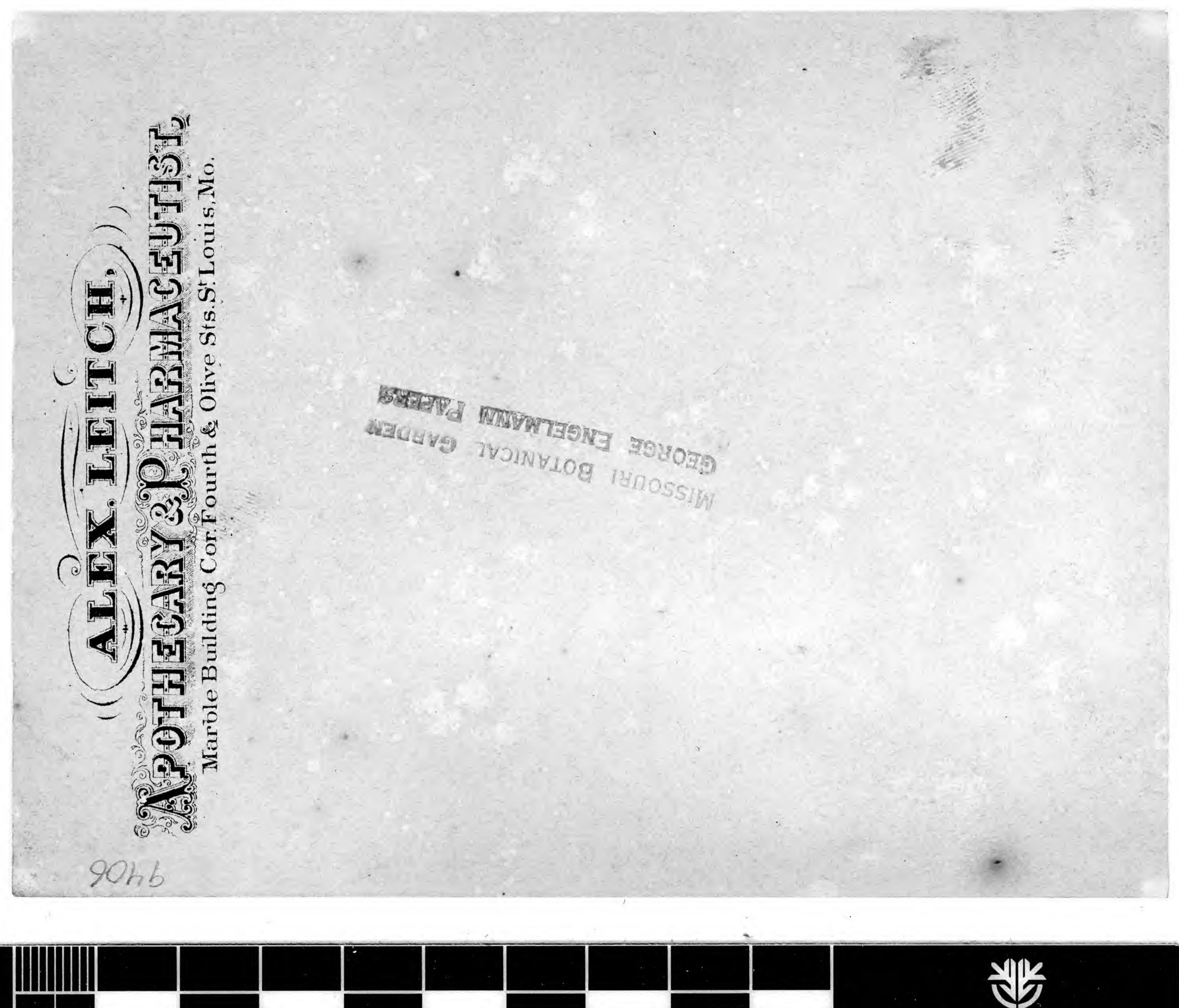




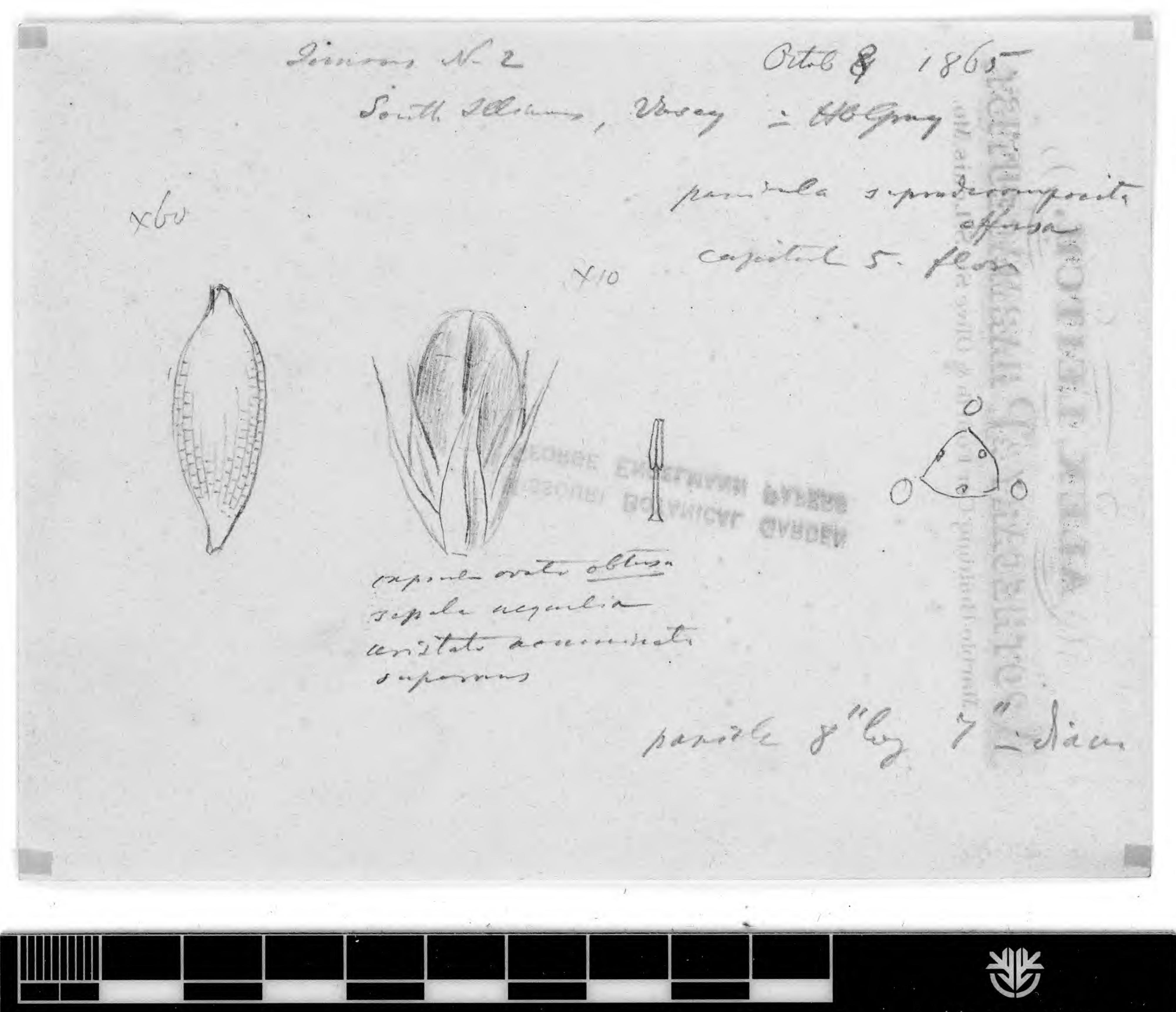


Sept s- 1865 (Beindston, Jeger 1842 capit 6-8/Con Angesta Fel. Mead.
capit. 6-7 for Bun stown plant see interrora pente Congiona capille ovato prisonely Citte Longen Ban arita, ner mucronala.



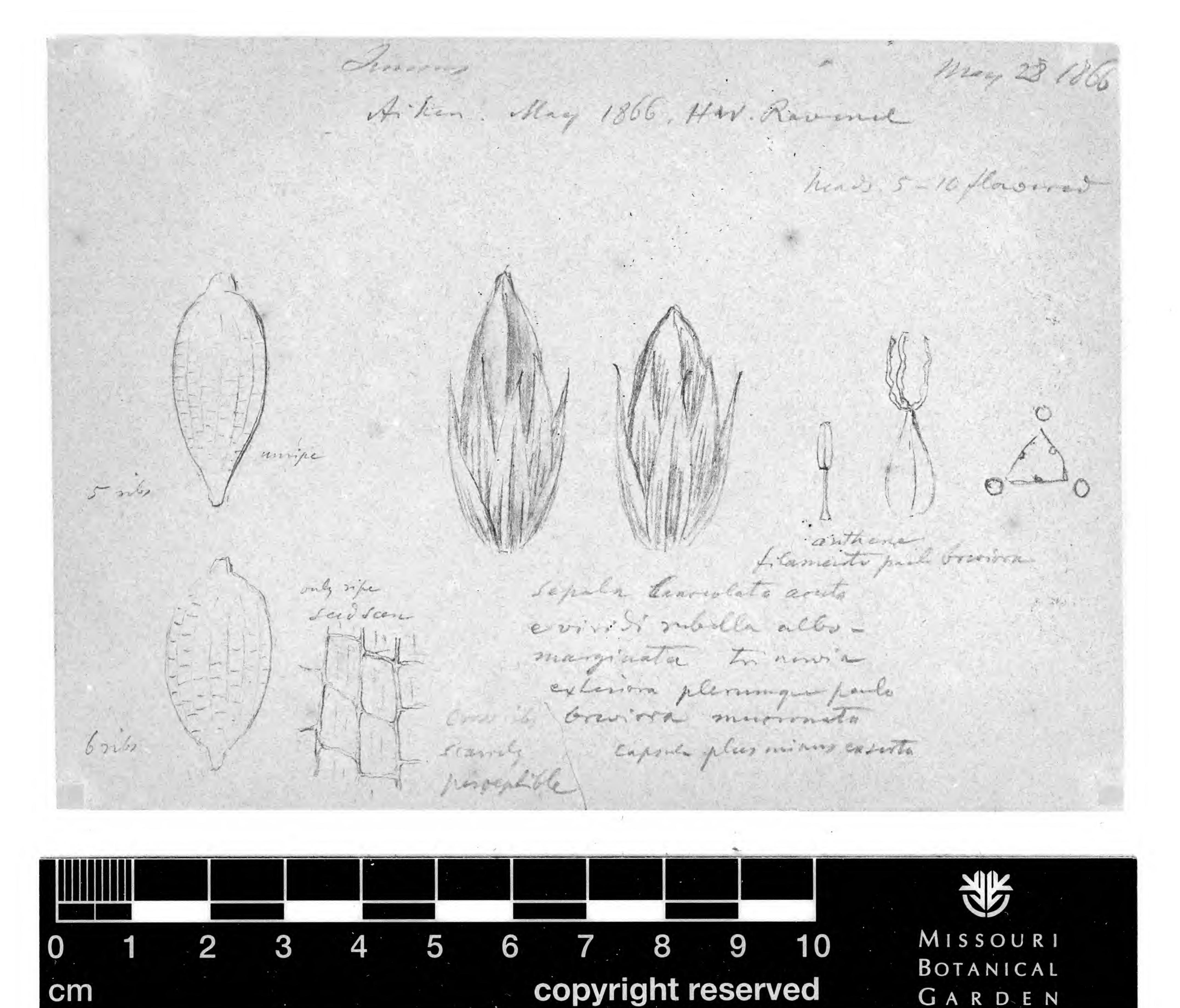


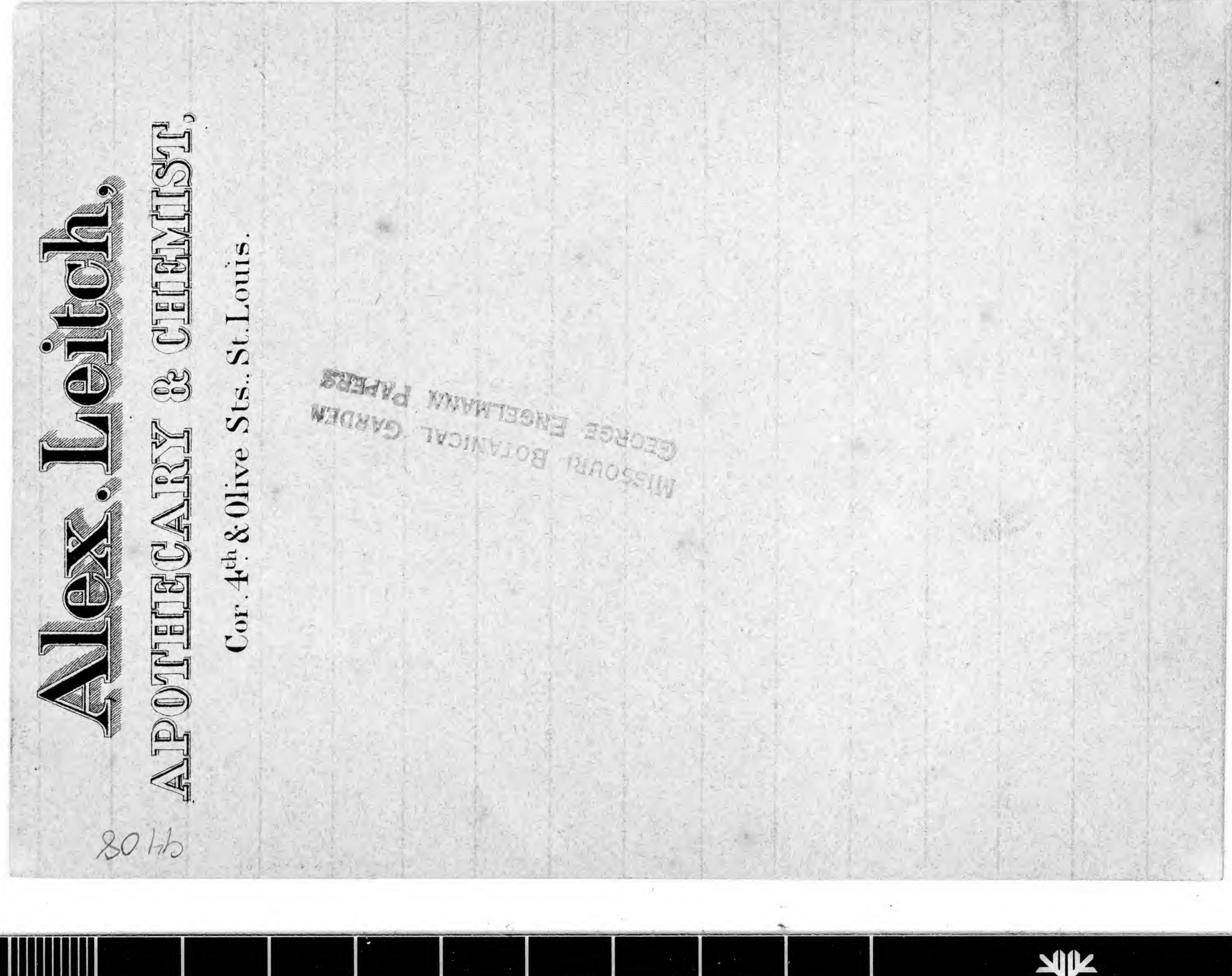






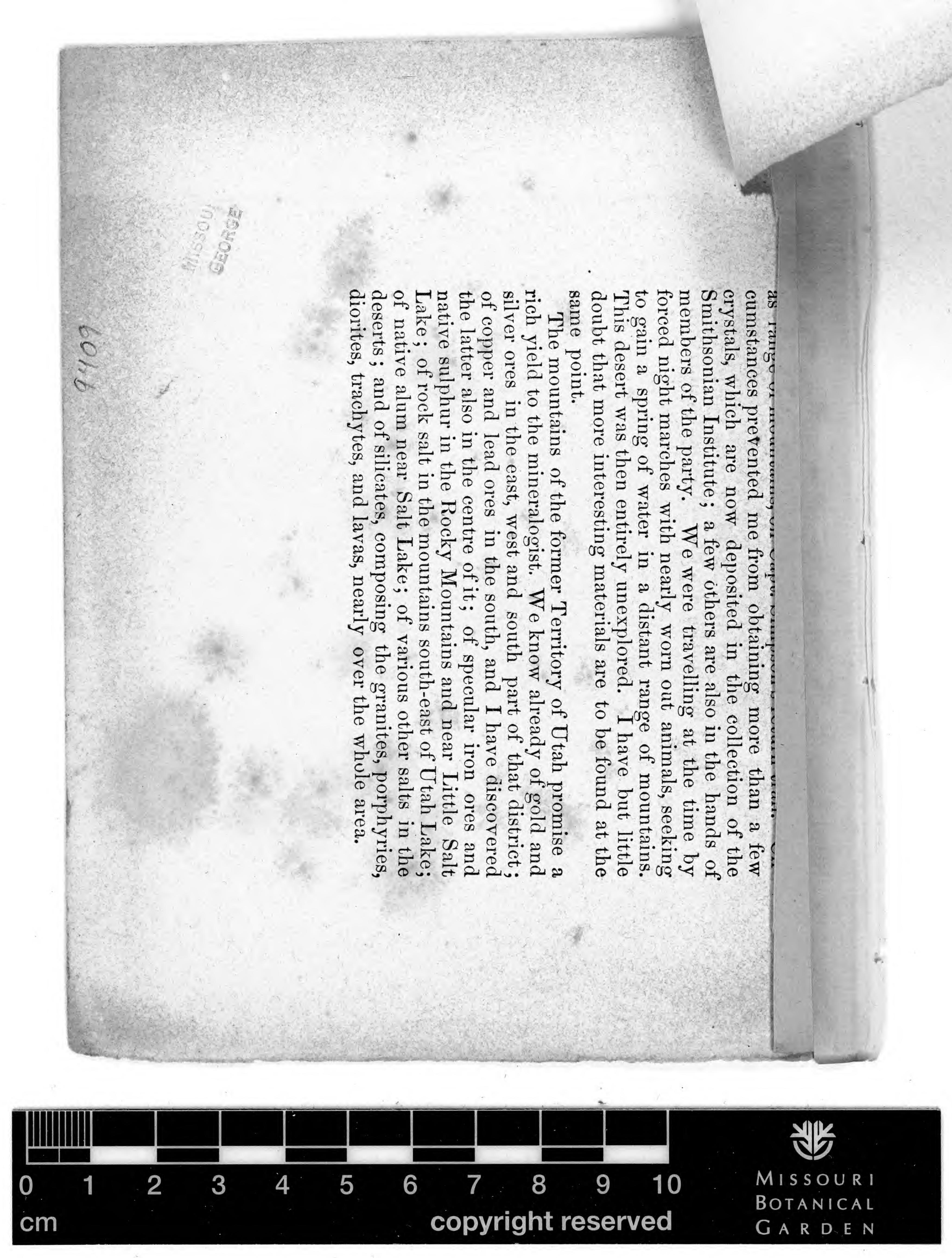








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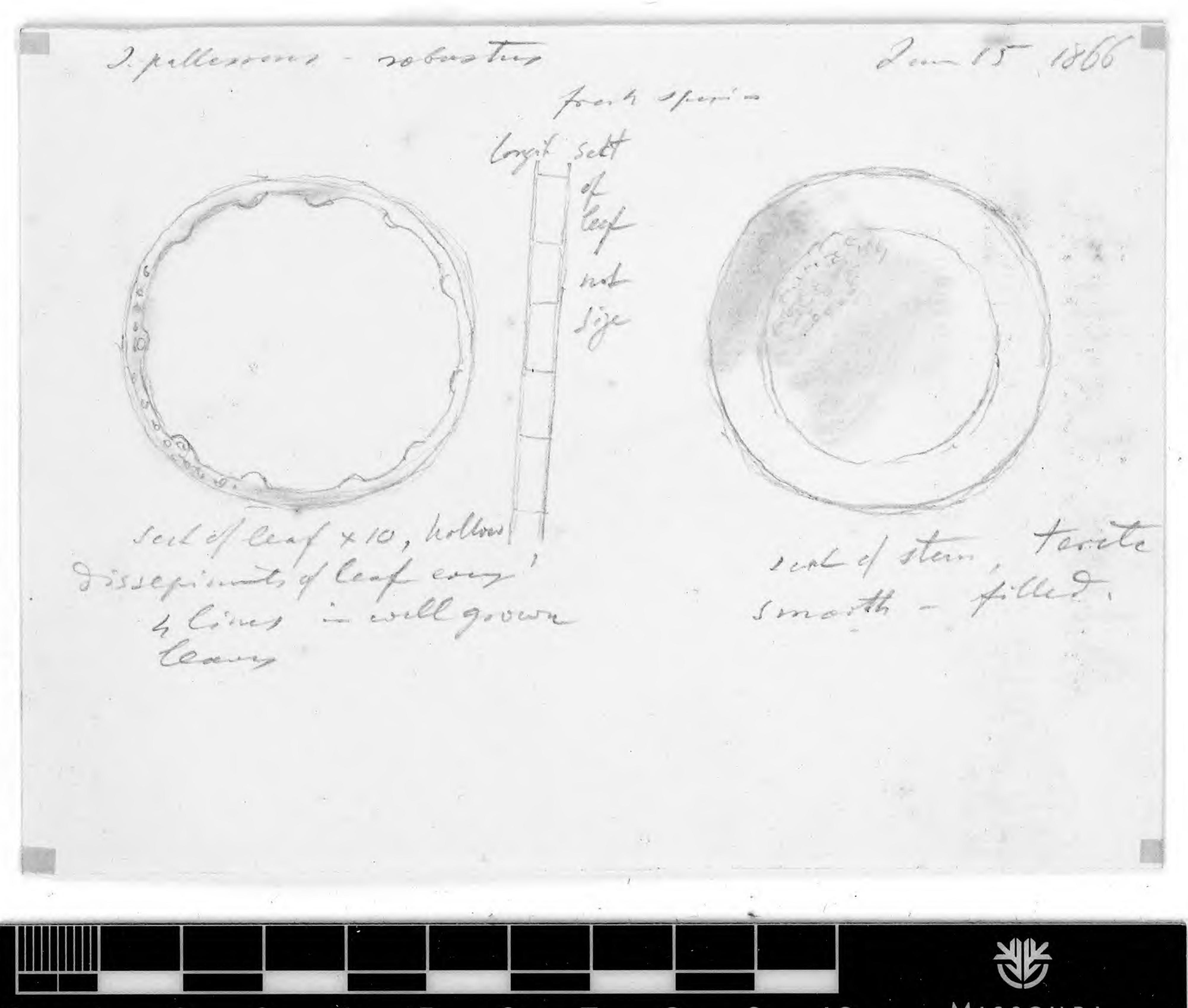
its also is distinguished excavated base. nearly mensions.—Length, 0.20 of an in tremites) melo, from which it is smaller size and less deeply exoies a higher geological position. Curs in the St. Louis Limestone ic railroad near Kirkwood, St. Lo

ouis county, Missour on (Carboniferous)

same cumstances members of Smithsonian desert night point. that which spring more the Was marches Institute party. are ented then enti interestin ater me from obtaining mo ow deposited in the co a few others are also i inely unexplored. 0 in e were travelling nearly worn out a distant range of travelling to be found a more collection animals, seeking at in the hands the than mountains. me of little few Cirthe

ric diorites, native deserts Jake; copper ores trachytes, and alum to and untains the mineralogist. the salt lead III near the the east, w of the former Territory ineralogist. We know: ineralogist. We know already of gold and ast, west and south part of that district; ores in the south, and I have discovered ne Rocky M Rocky Mountains and near Composing mountains south-east of Utah nearly various other the the granites, porphy over the whole area. ear Little salts hyries, n Jake; ered; Salt the

MOETH AME



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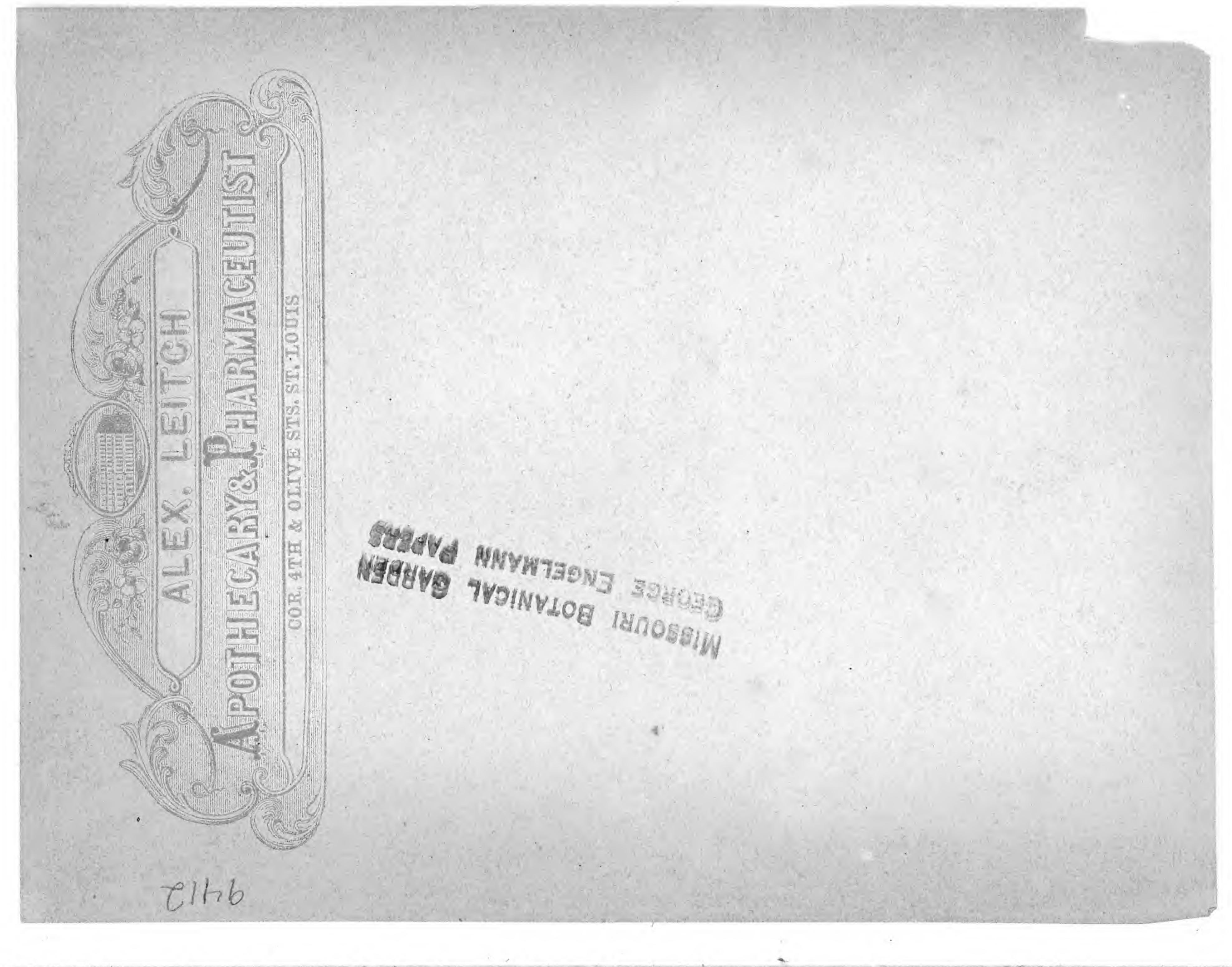




MISSOURI GARDEN

30-40 thigh cospilare Tourk green - poniale 7-10 inher lay course spather lines long sheathing for 15" even i smaller paniely seven - 1/2-1 inch log - all others more bruitlike policy smillington 3-12 lines the Court 15 branches, again distribute only the report & bearing single hands pentel hear of softons therefore primary axis design 23 gxdlay prility & \$\frac{1}{3}\$ lowest brenches of panile nearly & Copposite the following ones in 2 arrangement

0 1 2 3 4 5 6 7 8 9 10 MISSOURI BOTANICAL COpyright reserved GARDEN





HENRY

oped, were perfectly color oped, and of great lustre.
The largest of them merin the direction of fect. I obe (acce-During my explorations in Utah as Geologist of dition under Capt. J. H. Simpson, Top. Eng'rs. U 1858 and 1859, I observed some remarkably beau tals of Tonaz among some detritue of trachytic ъ •• а them also Rose's measu 0100 colo som modifications: basal cleavage, which transparent, remarkably beautiful all short trachytic crystals

common with topaz. The hardness of is infusible before the blowpipe; and is coated with small blisters, but does could not ascertain with topaz. whether th er they
e hardness of the mineral
wpipe; and when strongly
any
any they were hemihedral, the mineral is

cm

none

MISSOURI BOTANICAL

GARDEN

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GEORGE ENGELMANN

MARD-NEW PALEOZOIC FOSSILS.

LEACRINUS KIRKWOODENSIS, n. Sp.

Body very small, subglobose, a little longer than wide, funded above and below. Basal pieces very gently concawith their edges on a level with the plane of the under si Radial pieces (fork pieces) reaching to the base and occu ing more than four fifths the entire length of the body, nambelow and widest in the middle, sides gently arched. Interdial pieces subdeltoid, very prominent towards the apex, more than wide, obtusely angulated below, acutely angulated bove, and notched on either side a short distance below summit. Pseudo-ambulacral areas extending from base summit, narrow, deeply impressed; sides nearly parallel; ppieces amounting to about fifty in each field. A longitudifissure or slit extends from the central summit opening dowards, separating the pore pieces of one side from their lows of the opposite for the distance of about one fifth length of the field, thence their inner edges are united in median line to the base. Pseudo-ambulacral spaces languate, sloping gently from their edges to the sutures. Ova an extures eight, very minute, situated at the notches of

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Junean Debilier Tobertion He And Mel gry legle Helder, 5. Heari of conston



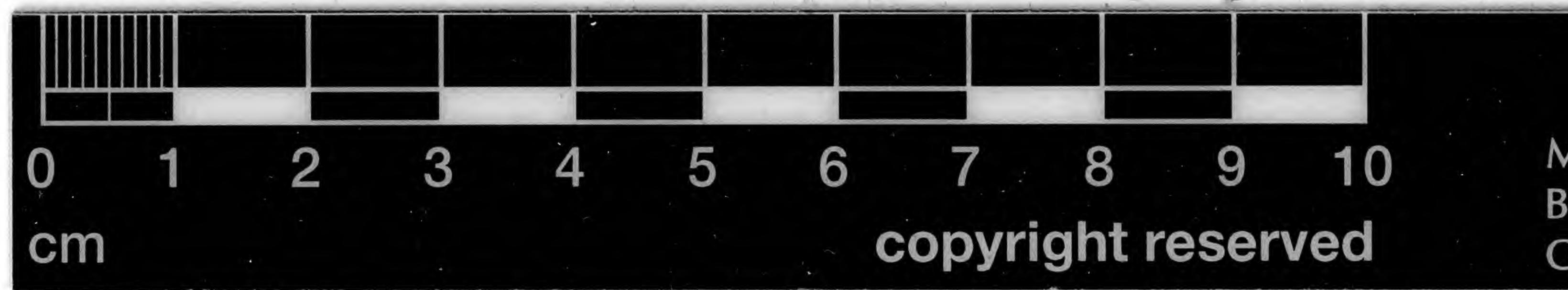
LEITCH & CORLIES,

GAN KRUGGENSINS

South-west Corner Fifth and Market streets.

Religina Indiana 108

4.146





Ang 31 1865 Limon Schiling Makanda, Dec, & Vasey with Hall 2 peden Fabrilia, antterba Caperinier paries prilets - capit 5-8 flor. attent out of the Call Septents metal ce Little Congan Thomas in an







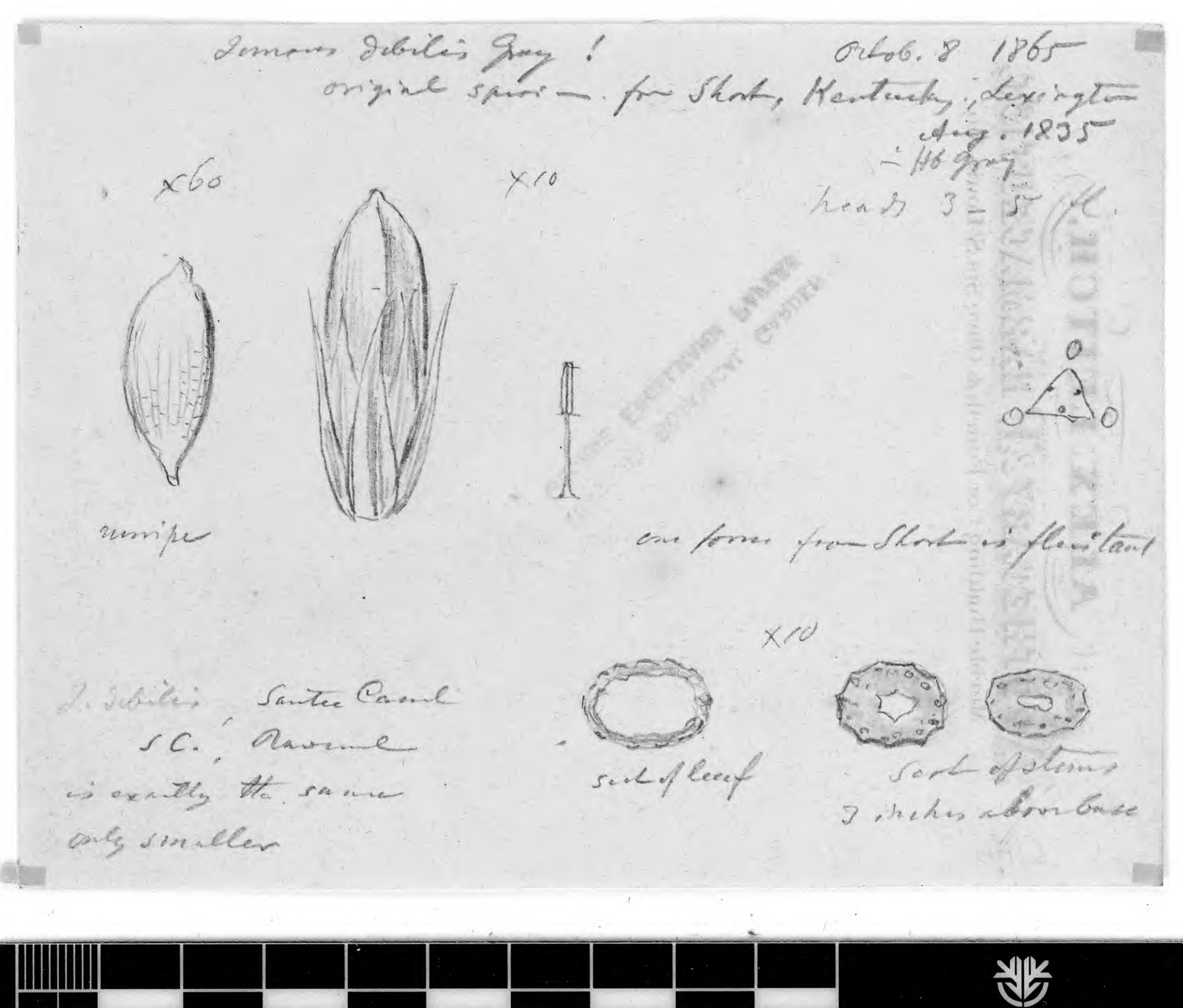




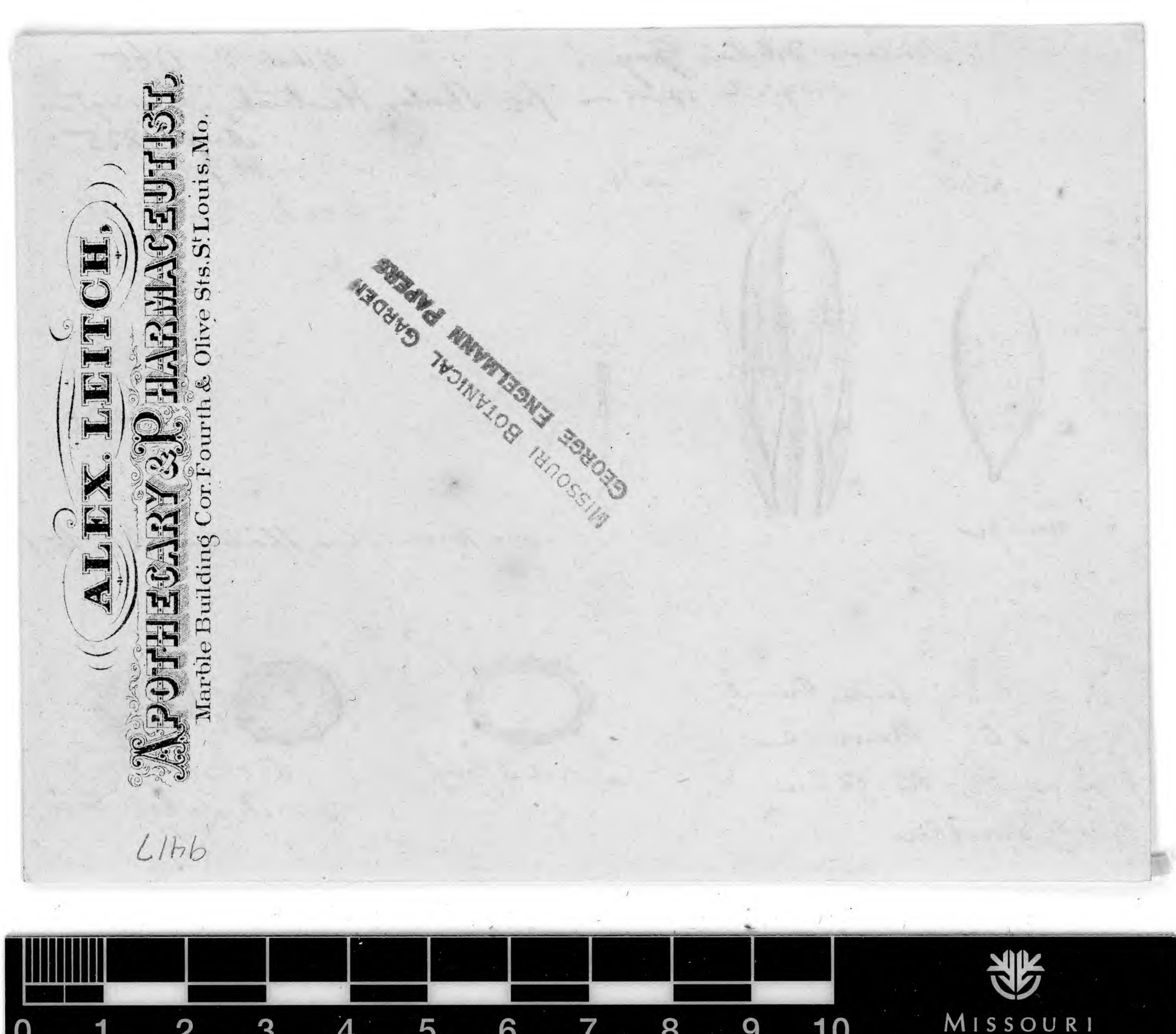
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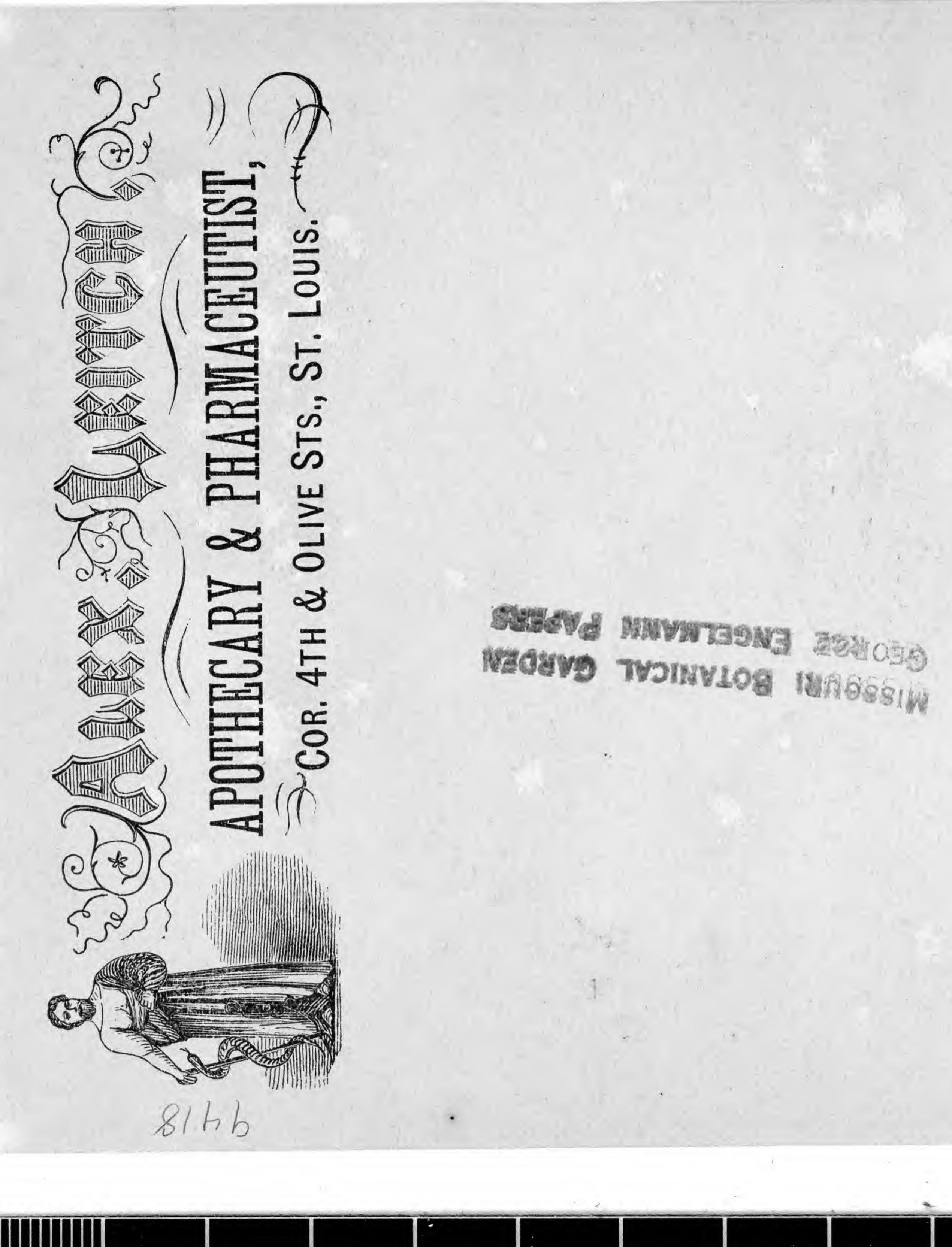














Org, Warrior Ridge, Huntington Co Pa Th. C. Porter Aug 1863



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visible

ittedeeds only 5-6

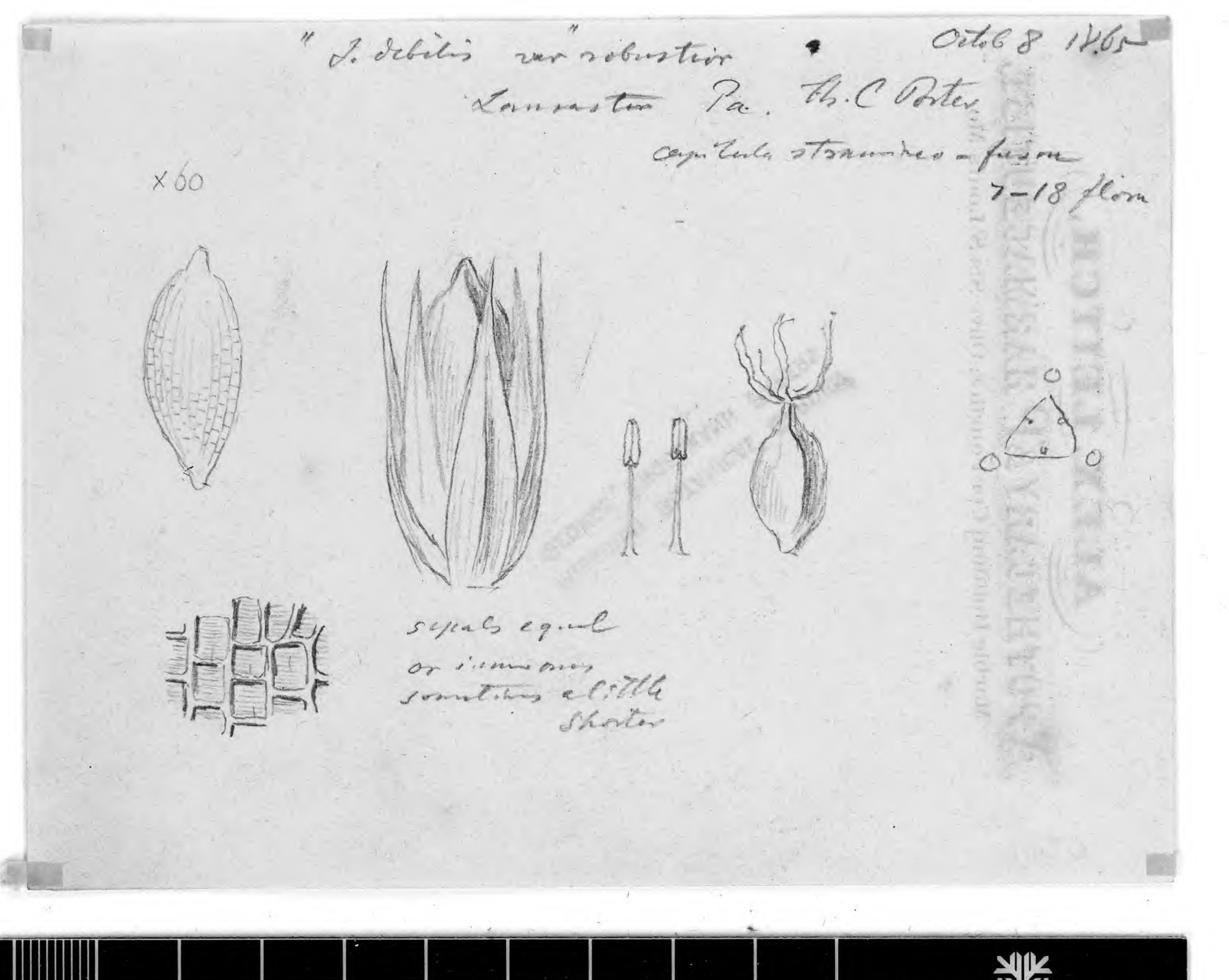
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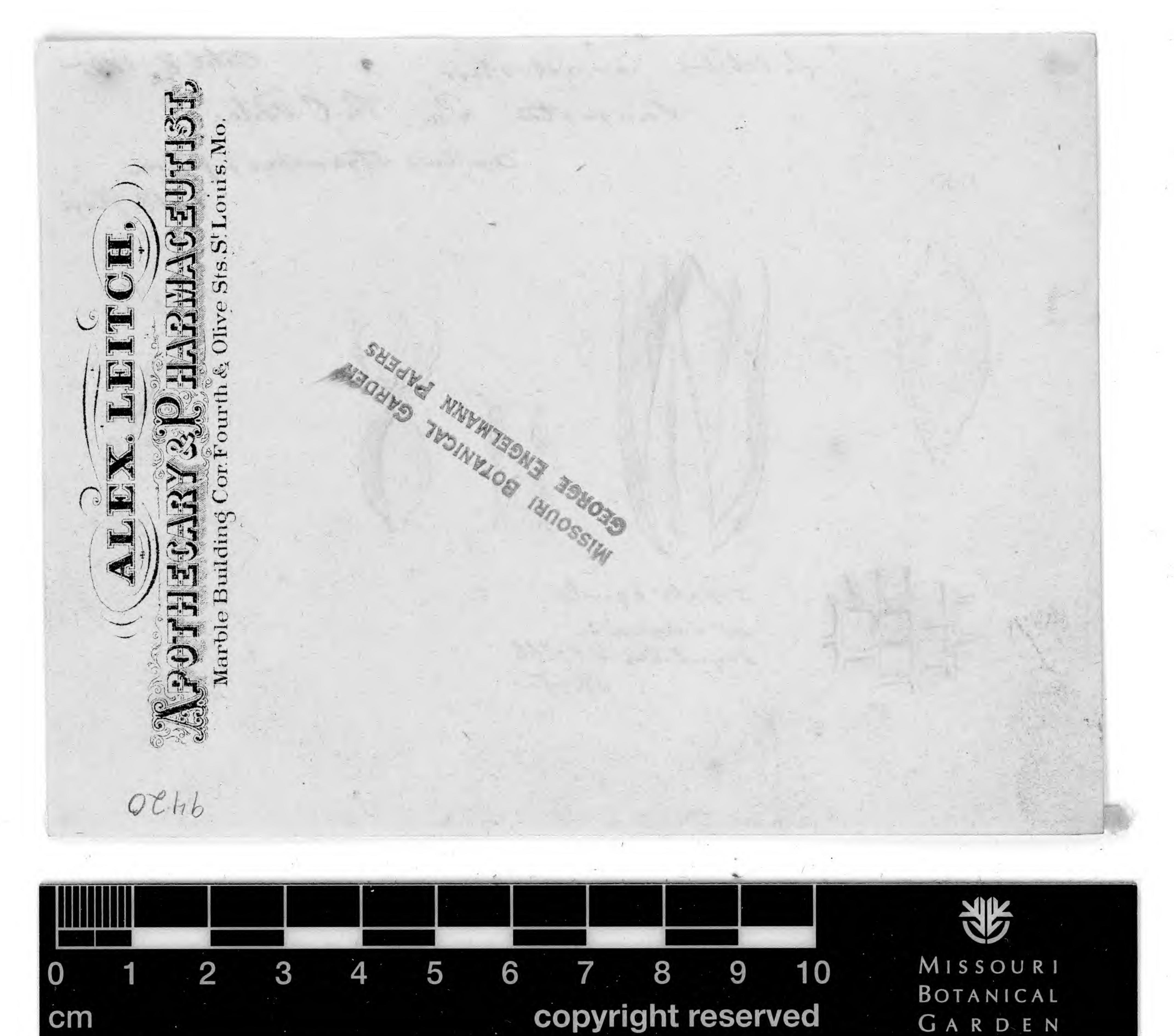
Building, Cor. Fourth and

SH. Lowing, Mo.

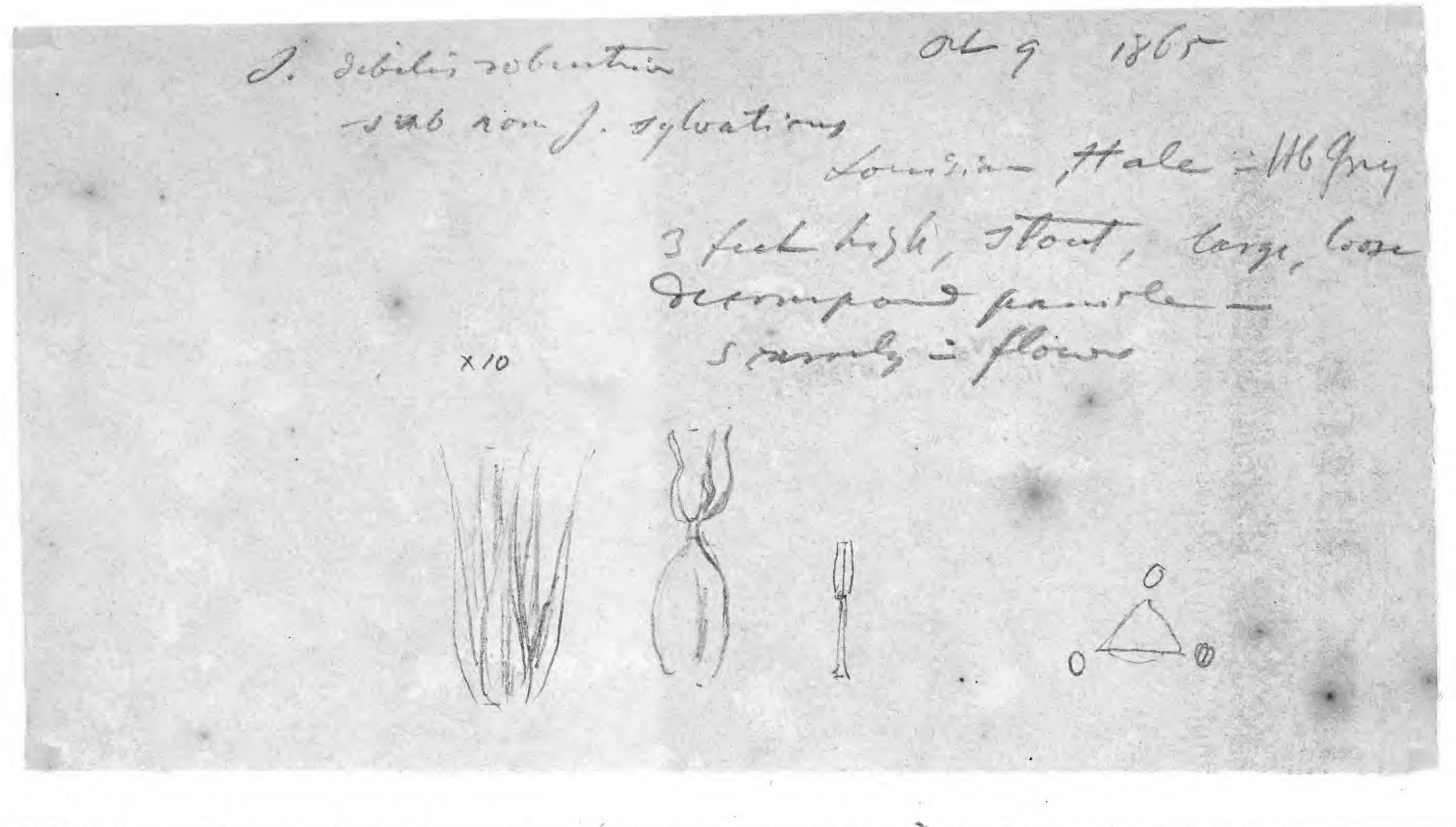


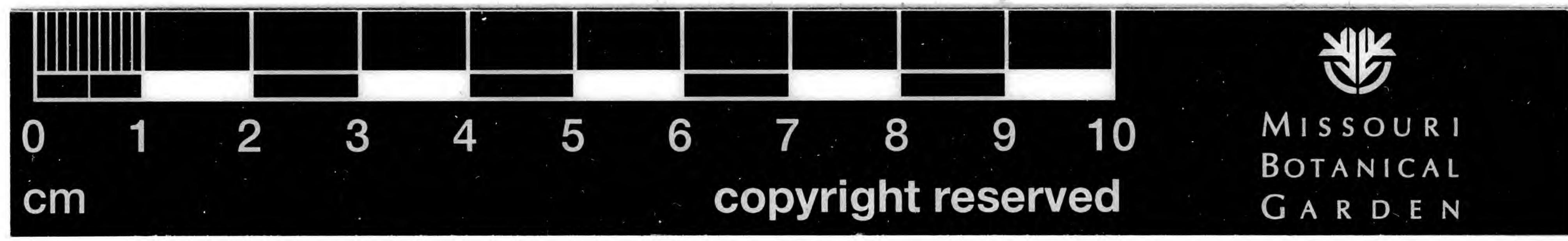


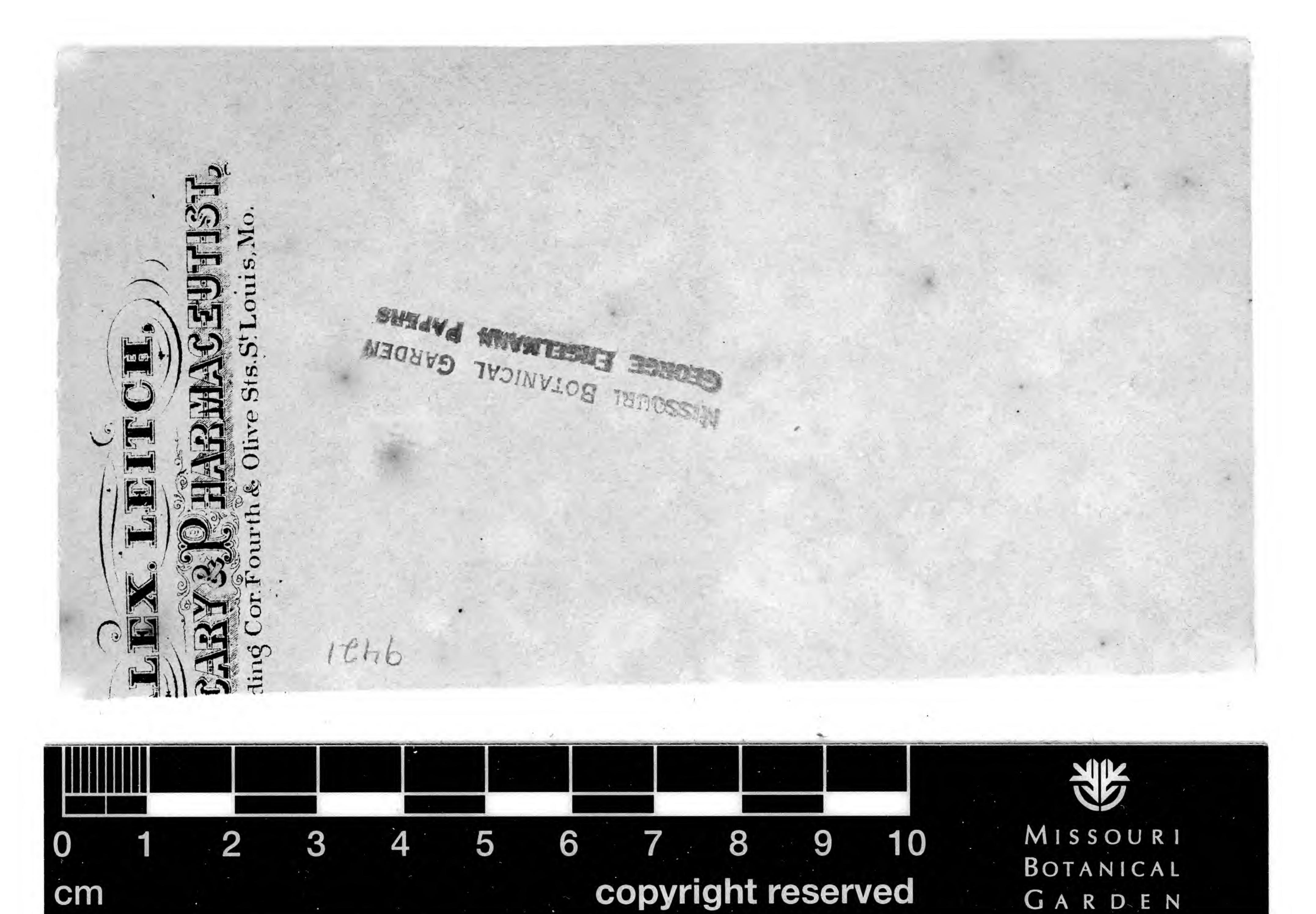




GARDEN







GARDEN

cm

Shallesien Sur Differissimens 1 d. Diffusissiones Quekey

the months greater number that ladder. differences in The aggregate monthly mean While the second group instance, was general features was unusually March, the and both November These triffing irregularities may are apparent in Computing lowest those which descent and years the May, June, July, Aust electricity. The July thunderstorms in 1862 the months which give the highest th years, January, April and relative the lowest rainy, that its inishing August, February, interruptions January. exhibit degrees of thus electricity group September humidity, each , February 1862, is about the electricity somewhat relative may electricity. highest, throug

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WISLIZENUS-ATMOSPHERIC ELECTRICITY.

I. The appearance of negative electricity was connected in

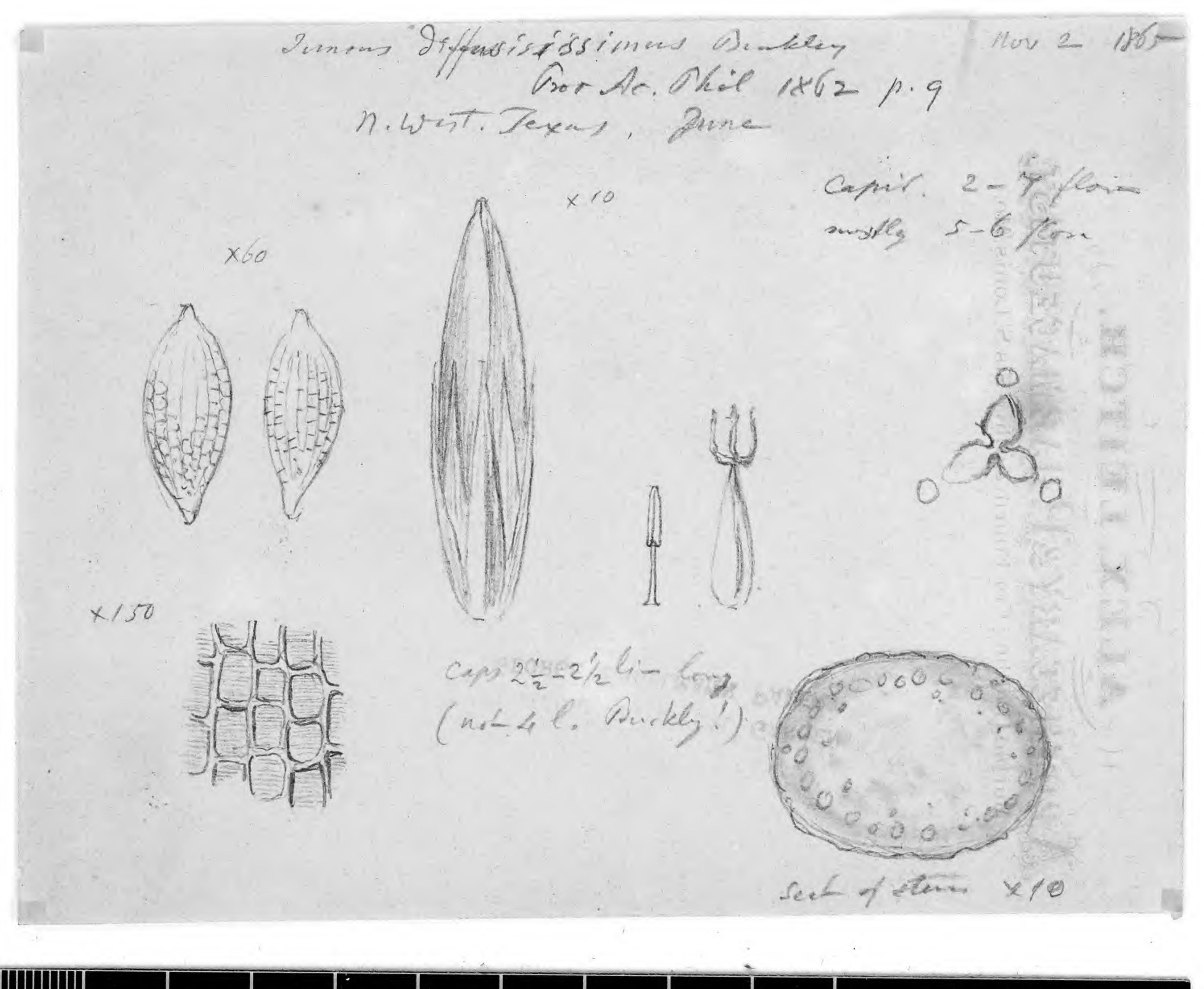
1861.	1862.	
No. times.	No. times.	
30	32	with thunderstorms.
23	28	hunder and
20	4	with dry storms (without rain and without thu
4	က	with snow.
-	0	with fog.
78	67	

VII. Relation of Rain and Snow to Electricity.

Rain without thunderstorm was accompanied

	By Positive city	Positive Electricity.	By Negative city	Negative Electricity.	By no Electricity	ectricity.
	In 1861.	In 1862.	In 1861.	In 1862.	In 1861.	In 1862.
January	2	2	٠. د	2		2

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